

## State Water Resources Control Board

### UST CASE CLOSURE REVIEW SUMMARY REPORT

#### Agency Information

Current Agency: State Water Resources Control Board (State Water Board)	Address: 1001 I Street Sacramento, CA 95814
Agency Caseworker: Matthew Cohen	Case No.: Not Available
Former Agency: Los Angeles County (prior to July 1, 2013)	Address: 900 S. Fremont Avenue Alhambra, CA 91803
Agency Caseworker: Alberto Grajeda	Case No.: 009658-009490

#### Case Information

USTCF Claim No.: 18577	GeoTracker Global ID: T0603742743
Site Name: Jim's Shell	Site Address: 2900 W Beverly Blvd Montebello, CA 90640
Responsible Party: Shell Oil Products Attn: Joseph Lentini	Address: 20945 S Wilmington Avenue Carson, CA 90810-1039
USTCF Expenditures to Date: \$0	Number of Years Case Open: 18

**URL:** [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603742743](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603742743)

#### Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy. Highlights of the case follow:

This case is a shopping complex and parking lot. An unauthorized release was reported in June 1996 after the removal of product piping and dispensers. Three 10,000-gallon gasoline USTs were removed from the Site in March 2002. Groundwater was never encountered during drilling activities to a depth of 110 feet below ground surface (bgs). Constituents that have the potential to cause groundwater to exceed the groundwater criteria in this Policy are shown on the map at the end of this document. The soil concentrations of such constituents are below the standard laboratory detection limit of 0.005 mg/kg at depths below 85 feet (bgs). Therefore, there are not sufficient mobile constituents (leachate, vapors, or light non-aqueous liquids [LNAPL]) to cause groundwater to exceed the groundwater criteria in this Policy.

This is a soil only case. According to data available in GeoTracker, there are no supply wells regulated by the California Department of Public Health or surface water bodies within 1,000 feet of the Site. No other water supply wells have been identified within 1,000 feet of the Site in files reviewed. Water is provided to water users near the Site by Los Angeles Water & Power/Metropolitan Water District of Southern California. The groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the groundwater will be used as a source of drinking water in the foreseeable future. Other designated beneficial uses of the groundwater are not threatened, and it is highly unlikely that they will be, considering

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these factors in the context of the site setting. Remaining petroleum hydrocarbon constituents are limited and stable, and concentrations are decreasing. Corrective actions have been implemented and additional corrective actions are not necessary. Any remaining petroleum hydrocarbon constituents do not pose a significant risk to human health, safety or the environment.

#### **Rationale for Closure under the Policy**

- General Criteria: The case meets all eight Policy general criteria.
- Groundwater Specific Criteria: The case meets Policy criteria. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous liquids [LNAPL]) to cause groundwater to exceed the groundwater criteria in this Policy.
- Vapor Intrusion to Indoor Air: This case meets Policy criterion 2b. Although no document titled "Risk Assessment" was found in the files reviewed, a professional assessment of site-specific risk from potential exposure to petroleum constituents was performed by Fund staff. The assessment found that there is no significant risk of petroleum vapors adversely affecting human health. There is no free product and this is a soil only case.
- Direct Contact and Outdoor Air Exposure: The case meets Policy Criterion 3a. Maximum concentrations in soil are less than those in Policy Table 1 for Commercial/Industrial use, and the concentration limits for a Utility Worker are not exceeded. There are no soil sample results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2 percent benzene and 0.25 percent naphthalene. Therefore, benzene can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Policy Table 1. Therefore, the estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

#### **Objections to Closure and Responses**


No objections to closure were identified on GeoTracker.


#### **Determination**

Based on the review performed in accordance with Health & Safety Code Section 25299.39.2 subdivision (a), the Fund Manager has determined that closure of the case is appropriate.

#### **Recommendation for Closure**

Based on available information, residual petroleum hydrocarbons at the Site do not pose a significant risk to human health, safety, or the environment, and the case meets the requirements of the Policy. Accordingly, the Fund Manager recommends that the case be closed. The State Water Board is conducting public notification as required by the Policy.

  
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Lisa Babcock, P.G. 3939, C.E.G. 1235  
Prepared by: Mark Owens, PE

  
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Date